

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. USA U-41371	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Palmer Oil & Gas Company - Energy Increments, Inc.			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103			8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1780' FSL, 1300' FWL At proposed prod. zone Same			9. WELL NO. Federal #4-12	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 30 miles Northwest of Mack, Colorado			10. FIELD AND POOL, OR WILDCAT Westwater	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1300'		16. NO. OF ACRES IN LEASE 160	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4-17S-24E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 6429' Morrison	12. COUNTY OR PARISH 13. STATE Grand Utah	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7058' G.L., 7069' K.B.			20. ROTARY OR CABLE TOOLS Rotary	
			22. APPROX. DATE WORK WILL START* September 1, 1979	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" new	K-55 36#	120'	150 sacks <i>Int to Sur</i>
7 7/8"	7" new	K-55 20#	2020'	150 sacks
6 1/4"	4 1/2" new	K-55 10.5# & 11.6#	6429'	225 sacks

1. Surface formation is the Mesaverde.
2. Anticipated geologic markers are: Castlegate-2169, Frontier-5419, Dakota-5819, Morrison-5919.
3. Gas is anticipated in the Dakota, Morrison, and possibly in the Castlegate. No water, oil, or other minerals are anticipated.
4. Proposed casing program: See item No. 23 above.
5. Pressure control equipment: See attached well control plan and schematic of drilling contractors BOP stack. BOP's will be tested before drilling out from under surface casing and will be checked daily.
6. Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered approximately 300 bbls. of gel type mud will be used. The well will be air drilled from under surface casing to T.D..
7. Auxiliary Equipment: See well control plan.
8. The logging program will consist of an IES log from TD to the base of intermediate casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. No cores or DST's are planned.

(Continued on next page)
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James G. Routson TITLE Petroleum Engineer DATE June 1, 1979
(This space for Federal or State office use)

PERMIT NO. (ORIG. SGD.) E. W. GUYNN APPROVAL DATE AUG 16 1979
APPROVED BY DISTRICT ENGINEER TITLE DISTRICT ENGINEER DATE AUG 16 1979
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATIONS COPYNECESSARY FLARING OR BURNING DURING DRILLING AND
COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

Utah - State Oil & Gas

M: : DISTRICT GEOLOGIST, , SALT LAKE CITY, UTAH

: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-41371

GRANTOR: Palmer Oil and Gas - Energy Increments, Inc. WELL NO. Federal 4-12

LOCATION: 1/4 NW 1/4 SW 1/4 sec. 4, T. 17S, R. 24E, SLM

Grand County, Utah

Stratigraphy:

Mesaverde	- surface
Castlegate	- 2169
Frontier	- 5419
Dakota	- 5819
Morrison	- 5975

Fresh Water: Sands of the Mesaverde and Castlegate may contain fresh water or water not too brackish to be used by stock.

Leasable Minerals: Valuable prospectively for coal in the Dakota
Coal is sub economic at this time.

Additional Logs Needed: None

Potential Geologic Hazards: None anticipated

References and Remarks: USGS files SLC Utah
1/4 mile north of Westwater KGS.

Signature: J. Paul Matheny Date: 6 - 26 - 79

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-41371Operator Palmer Oil & Gas, Energy Increments Well No. 4-12Location 1780' FSL 1300' FWL Sec. 4 T. 17S R. 24ECounty Grand State Utah Field WestwaterStatus: Surface Ownership Public Minerals FederalJoint Field Inspection Date July 29, 1979

Participants and Organizations:

Harry QuinnTenneco OilSteven DunnTenneco OilBob BallentynePalmer Oil & GasBill BunigerDirt ContractorRocky CurnuttBureau of Land ManagmeentJohn EvansU. S. Geological Survey

Related Environmental Analyses and References:

- (1) Book Mountain Unit Resource Analysis, Bureau of Land Managment, Utah
- (2) EA 384, U.S.G.S., Salt Lake City, Utah

Analysis Prepared by: John T. Evans, Environmental Scientist
Grand Junction, ColoradoDate July 23, 1979NOTED JOHN T. EVANS, JR.

7-24-79

Pod 200 x 200
8' x 8' x 200
approx. exit road
Flowline not in
Staircase (approx)
200
Mit 9310 P
3) Narrative

Proposed Action:

On June 4, 1979, Palmer Oil & Gas and Energy Increments filed an Application for Permit to Drill the No. 4-12 exploratory well, a 6429' gas test of the Dakota and Morrison Formations; located at an elevation of 7058' in the SW/4, Sec. 4, T17S, R24E on Federal mineral lands and Public surface; lease No. U-41371. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan is on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 200' wide x 200' long and a reserve pit 50' x 200'. An existing road would be upgraded by grading from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is August 1979 and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 35 miles NW of Mack, Colorado, the nearest town. A fair road runs to the location. This well is in the Westwater Field.

Topography:

The proposed location is on a ridge formed from sandstones and conglomerates. An existing road crosses drill pad.

Geology:

The surface geology is Mesa Verde. The soil is sandy clays and gravels. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units of the Mesa Verde. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinyon-juniper association is also present. Douglas Fir is present on north-facing slopes.

Topsoil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 12 to 15" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms.

Winds are medium and gusty, occurring predominantly from west to east. Air mass inversions are rare. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the

gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road would not significantly reduce the environmental impact. There are no severe

vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

A 200' stipulation letter required.

Due to the steep existing access road (average grade exceeds 8%, pitch grades are 12-18%), drilling activity would not be permitted December 1 through February 15. A summer/fall drilling program is preferred rather than spring activity.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately two acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplacable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution would exist through leaks and spills.

If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

8/10/79

District Engineer

U. S. Geological Survey

Conservation Division

Oil and Gas Operations

Salt Lake City District



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Palmer Oil & Gas Company - Energy Increments, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1780' FSL, 1300' FWL. NW SW

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 30 miles Northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1300'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

6429' Morrison

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7058' G.L., 7069' K.B.

5. LEASE DESIGNATION AND SERIAL NO.

USA U-41371

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Federal #4-12

10. FIELD AND POOL, OR WILDCAT

Westwater

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

4-17S-24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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1. Surface formation is the Mesaverde.

2. Anticipated geologic markers are: Castlegate-2169, Frontier-5419, Dakota-5819, Morrison-597

3. Gas is anticipated in the Dakota, Morrison, and possibly in the Castlegate. No water, oil, or other minerals are anticipated.

4. Proposed casing program: See item No. 23 above.

5. Pressure control equipment: See attached well control plan and schematic of drilling contractors BOP stack. BOP's will be tested before drilling out from under surface casing and will be checked daily.

6. Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered approximately 300 bbls. of gel type mud will be used. The well will be air drilled from under surface casing to T.D.

7. Auxiliary Equipment: See well control plan.

8. The logging program will consist of an IES log from TD to the base of intermediate casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. No cores or DST's are planned.

(Continued on next page)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James G. Routson

TITLE

Petroleum Engineer

DATE

June 1, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

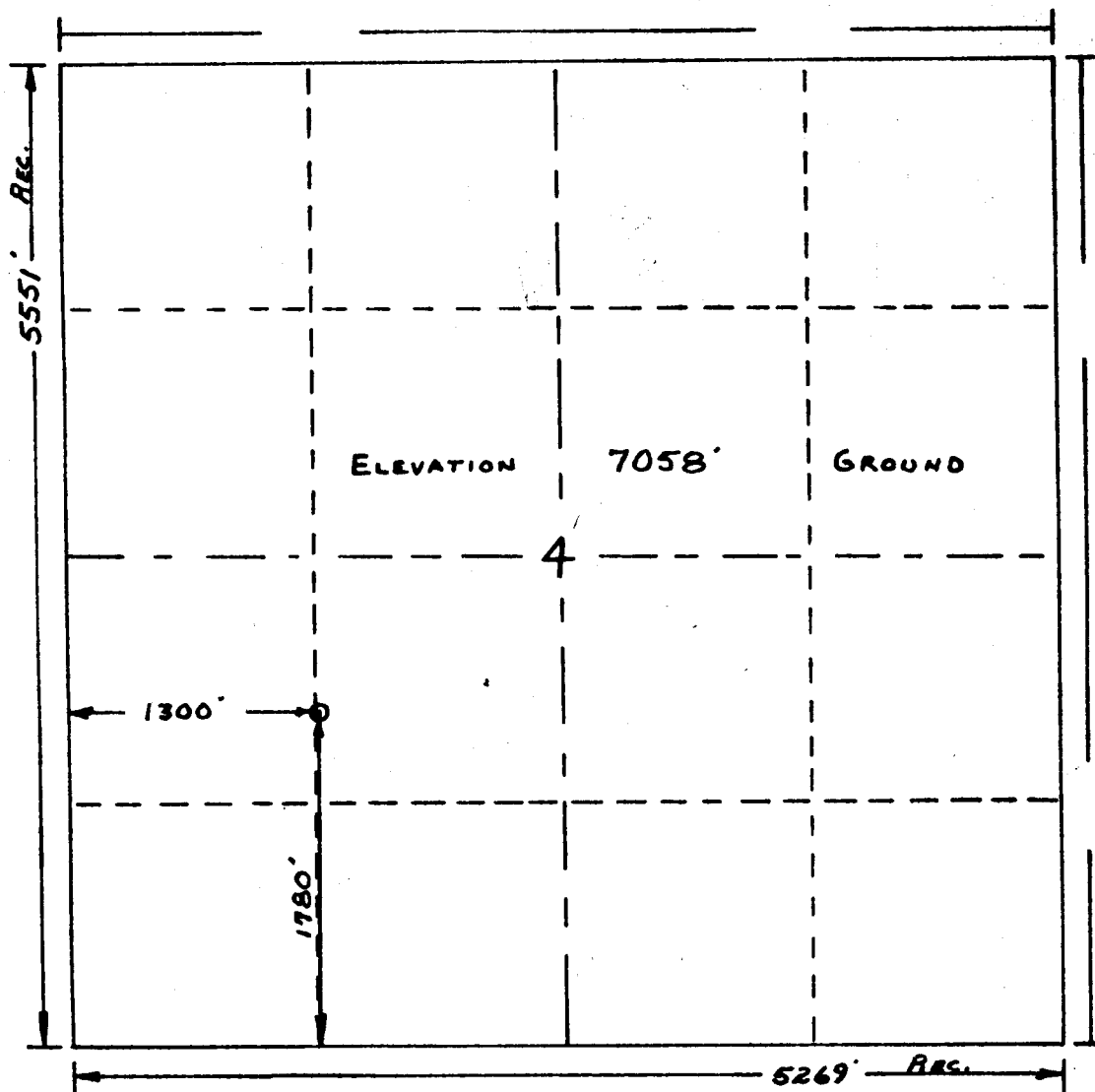
CONDITIONS OF APPROVAL, IF ANY:

APPLICATION FOR PERMIT TO DRILL (Con't)

9. No abnormal pressures or temperatures anticipated. No poisonous gas anticipated.
10. Anticipated spud date is September 1, 1979, depending on rig availability. Completion operations should commence within 30 days of rig release.
11. Survey plats enclosed.
12. The gas is dedicated to Southwest Gas Corporation.
13. The spacing unit is the South half of Section 4, containing 320 acres.
14. Stipulation from Palmer Oil & Gas Company enclosed.
15. Designation of Operator Forms enclosed.



R. 24 E.

T.
17
S.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Jim ROUTSON
for PALMER OIL AND GAS COMPANY
determined the location of #4-12 SOUTHWEST FEDERAL
to be 1780' FS & 1300' FW Section 4 Township 17S.
Range 24 E. OF THE SALT LAKE Meridian
GRAND County, UTAH

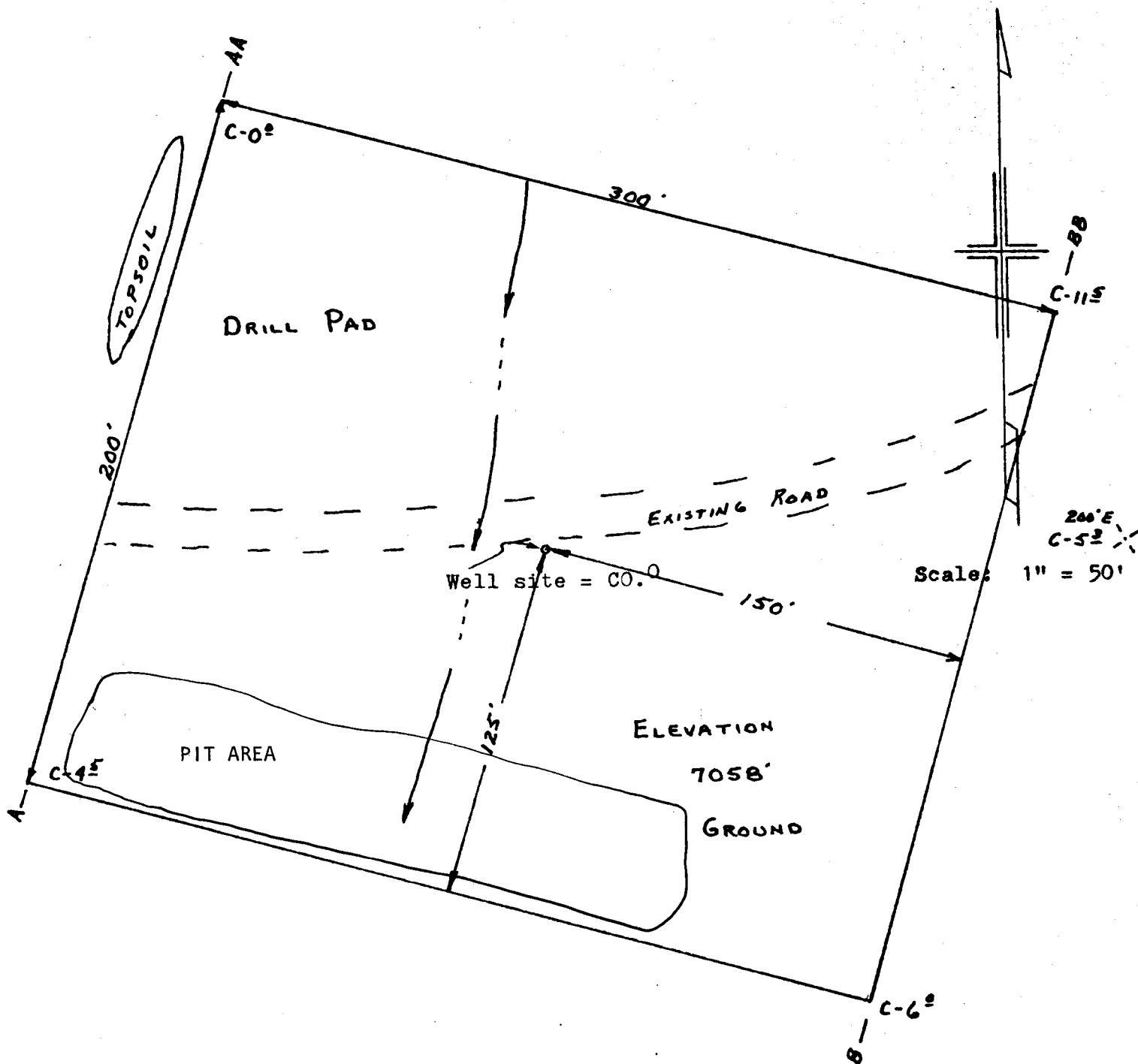
I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#4-12 SOUTHWEST FEDERAL

Date: 5-20-79

T. Nelson
Licensed Land Surveyor No. 2711
State of UTAH

TOPOGRAPHIC MAP -- PLAT NO 2

PALMER OIL AND GAS CO.
 #4-12 SOUTHWEST FEDERAL
 1780' FS & 1300' FW SEC. 4 T17S. R24E.
 GRAND COUNTY, UTAH



1" = 20'
 1" = 50'

CROSS SECTIONS

200'S
 F+4'

by: *Richard A. Schuch*

AMPowers Elevation Company, Inc.

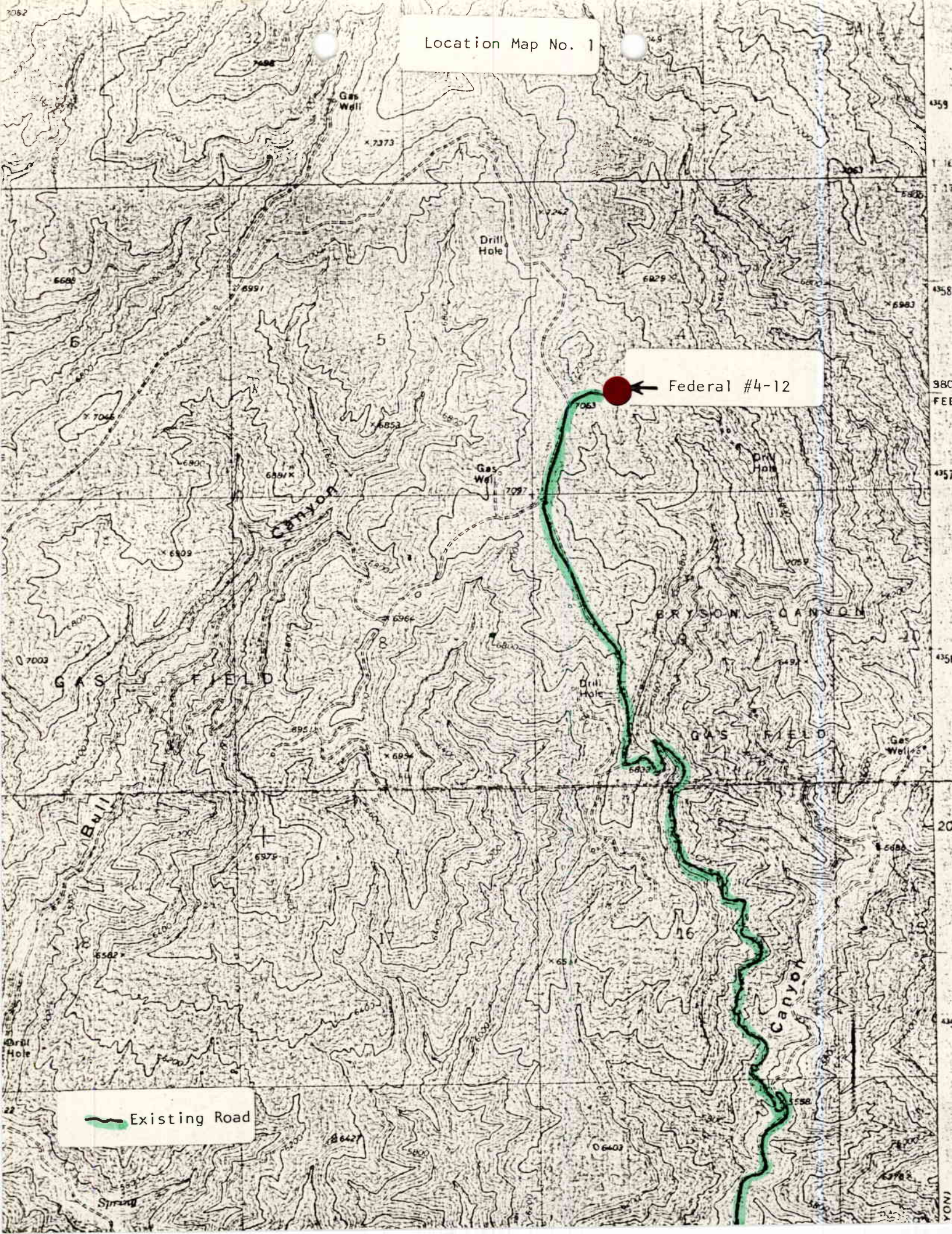
5-20-79

BB

Location Map No. 1

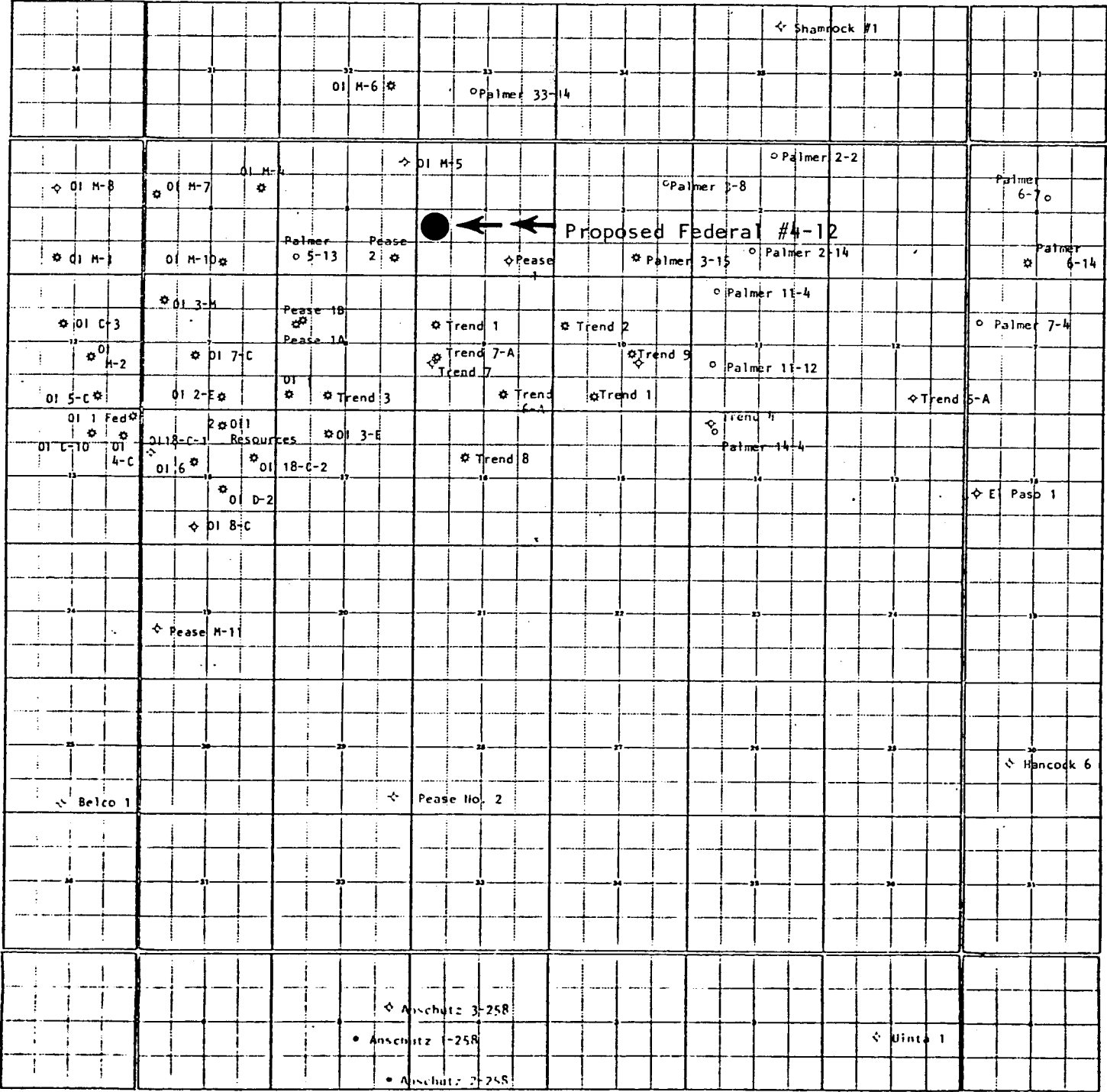
Federal #4-12

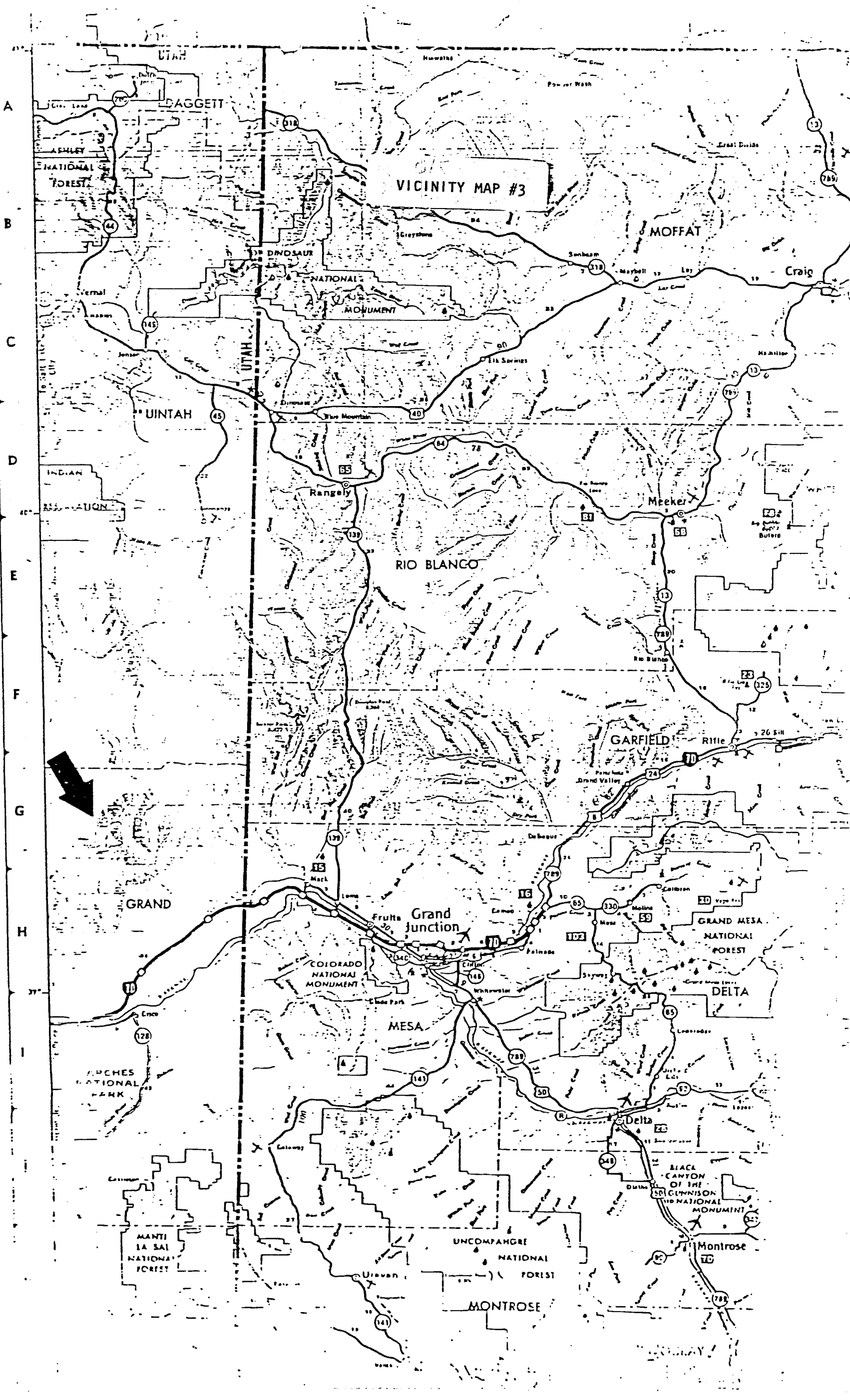
Existing Road



WELL MAP NO. 2

Note: 01 = 011 Inc. Township 17 South, Range 24 East, County Grand, State Utah





TWELVE POINT PLAN OF DEVELOPMENT
FOR SURFACE USE FOR PALMER OIL FEDERAL #4-12
NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 4-T17S-R24E
Grand County, Utah

1. Existing roads

- A. Proposed wellsite: Survey plat enclosed.
- B. Location is approximately 10 miles North of Highway 6 & 50 on the East Canyon Road and 3 $\frac{1}{2}$ miles up on existing lease road in the Bryson Canyon Field.
- C. Access roads: See Location Map #1.
- D. Not applicable, well is not exploratory.
- E. Existing roads within 1 mile of wellsite: See Location Map #1.
- F. No improvements of existing roads are planned.

2. Planned access roads

- A. The location is adjacent to an existing lease road, so no additional access road is required.

3. Location of existing wells (See Map No. 2)

- 1. There are no existing water wells within a 1 mile radius.
- 2. See Map #2 for location of abandoned wells.
- 3. No temporary abandoned wells are located within a 1 mile radius.
- 4. No disposal wells in the area.
- 5. No drilling wells in the area, locations shown on Map No. 2.
- 6. Producing wells shown on Map No. 2.
- 7. Shut-in wells shown on Map No. 2.
- 8. No injection wells in the area.
- 9. No monitoring or observation wells in the area.

4. Location of existing and proposed production facilities

- A.
 - 1. No tank batteries within a 1 mile radius.
 - 2. Production facilities within 1 mile radius include separators and meter runs at the gas wells shown on Map No. 2.
 - 3. No oil gathering lines in the area.
 - 4. A field gathering system generally follows the roads shown on Map No. 1. The closest major pipeline is the Mesa Pipeline to the east in East Canyon.
 - 5. No injection lines in the area.
 - 6. No disposal lines in the area.
- B.
 - 1. The gathering system has not yet been designed.
 - 2. A separator, approximately 5' x 10', and a meter run, approximately 6' x 8', will be on the drillsite pad, and will be painted to blend with the desert environment.
 - 3. No construction materials are necessary. All lines will be coated, wrapped and buried.
 - 4. A 10' x 10' water disposal pit will be dug within 50' of the separator and will be enclosed by a wire fence. A 6' x 6' x 3 $\frac{1}{2}$ ' metal guard will be placed around the wellhead.
- C. Plans for restoration of the surface.
On completion of the drilling of this well, all pits will be backfilled and top-soil replaced and re-contoured back to the original terrain. Upon abandonment all disturbed area, including the location and access road, will be re-contoured, ripped or scarified as needed, and re-vegetated using a seed formula as specified by the BLM. All seeding will be done between September 15 and November 15.

5. Location and type of water supply

- A. Very little water is needed to drill this well because it will be air drilled. Water will be hauled from a water hole in the Westwater drainage. If this is dry, it will be hauled from West Salt Creek drain ditch near Mack, Colorado.
- B. Water will be transported by truck. The truck will use the access road.
- C. No water well is to be drilled.

6. Source of construction materials

- A. No construction materials are to be used.

TWELVE POINT PLAN OF DEVELOPMENT (Con't)

7. Methods for handling waste disposal

1. Cuttings will be buried 3' under top-soil.
2. Drilling fluids (if any) will be left in open pit to evaporate. Pit will be fenced on 4 sides during drilling and completion operations.
3. Produced oil or condensate (if any) will be stored in a tank and sold. Produced water will be disposed of in compliance with rules and regulations of the USGS and the State of Utah.
4. Portable chemical toilet will be provided.
5. Trash will be burned in burn pit. The burn pit will be fenced with expanded metal. Noncombustible trash will be buried at least 4' deep in the reserve pit.
6. Drilling fluid in pit, which will be very minimal due to air drilling, will be left to dry, if necessary. After pit area is sufficiently dry, cuttings will be pushed into pit and sub-soil to be placed on top of any remaining fluid and cuttings; then top-soil will be used to cover both pit and location area. The area will be policed for all trash when the well is completed and the location will be left as much like the natural environment as possible.

8. Ancillary facilities

No camps or airstrips proposed.

9. Wellsite layout

1. See Plat No. 2 showing location pad. All necessary cuts and fills are shown on this plat, and two cross sections are shown on the bottom of the plat.
2. Location of pits, etc.: See plan of drillsite layout diagram, Plat #2-A.
3. Rig orientation: See plan of drillsite layout diagram, Plat #2-A.
4. Pits will be unlined.

10. Plans for restoration of surface

1. Backfilling, leveling, etc.: See 7-1 and 4-C.
2. Rehabilitation, etc.: See 4-C.
3. Fencing of pits: Pit will be fenced on all sides during drilling and completion operations.
4. Oil on pits: Occurance is improbable. If it does occur, the pits will be flagged to prevent an influx of wild fowl. Any oil which does occur will be trucked off for disposal.
5. Rehabilitation timetable: See 4-C. Contouring will be done as soon as the pits are dry. Barring any unforeseen problems, rehabilitation should be completed within 90 days of completing the well.

11. Other information

1. Topography: Immediate wellsite is in the Book Cliffs. The Book Cliffs and deep canyons surround the location.
Soil: Eroded Mesaverde and Blow Sand.
Vegetation: Sparse grassland with greasewood, sagebrush, junipers, and Pinion Pine. Land is used for grazing.
Fauna: Occasional use by deer, antelope, rabbits, lizards, hawks, and miscellaneous small birds.
Geologic features: Nothing significant in immediate area.
2. A. Surface Ownership: Public lands administered by the BLM.
B. Surface Activities: Rabbit and bird hunting, sheep and cattle grazing, and gas well maintenance.
3. No water or dwellings are on the lease. An archaeological study will be done by Powers Elevation Company of Eagle, Colorado.

TWELVE POINT PLAN OF DEVELOPMENT (Con't)

12. Lessee's or operator's representative

J. G. Routson
P. O. Box 2564
Billings, Montana 59103

Office Phone (406) 248-3151
Home Phone (406) 245-8797
Mobile Phone (303) 245-3660 Unit #327

R. D. Ballantyne
P. O. Box 2564
Billings, Montana 59103

Office Phone (406) 248-3151
Home Phone (406) 656-1304
Mobile Phone (303) 245-3660 Unit #327

William H. Buniger
P. O. Box 42
Loma, Colorado 81524

Home Phone (303) 858-7377
Mobile Phone (303) 245-3660 Unit #289

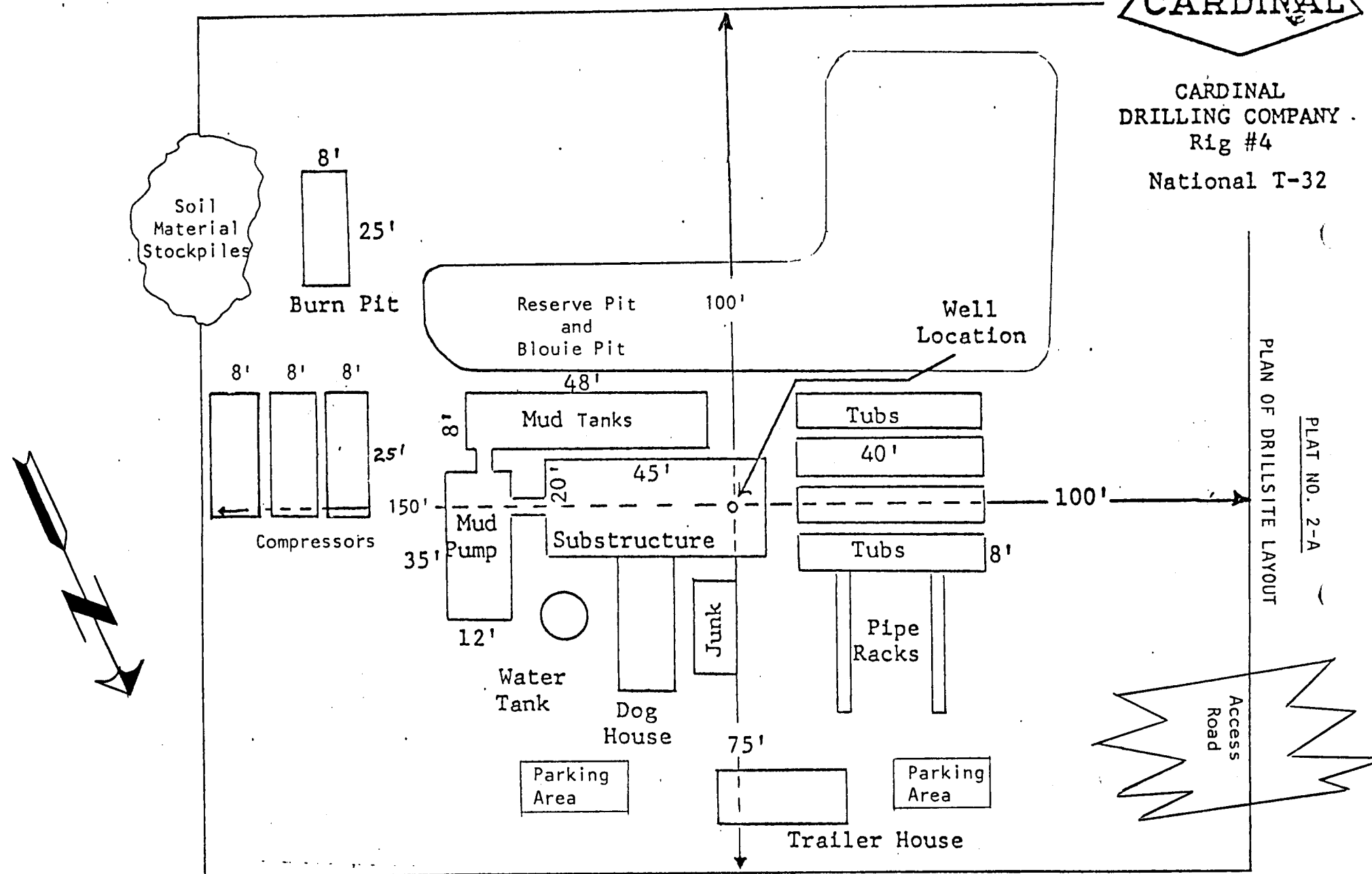
13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Palmer Oil & Gas Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date: June 1, 1979

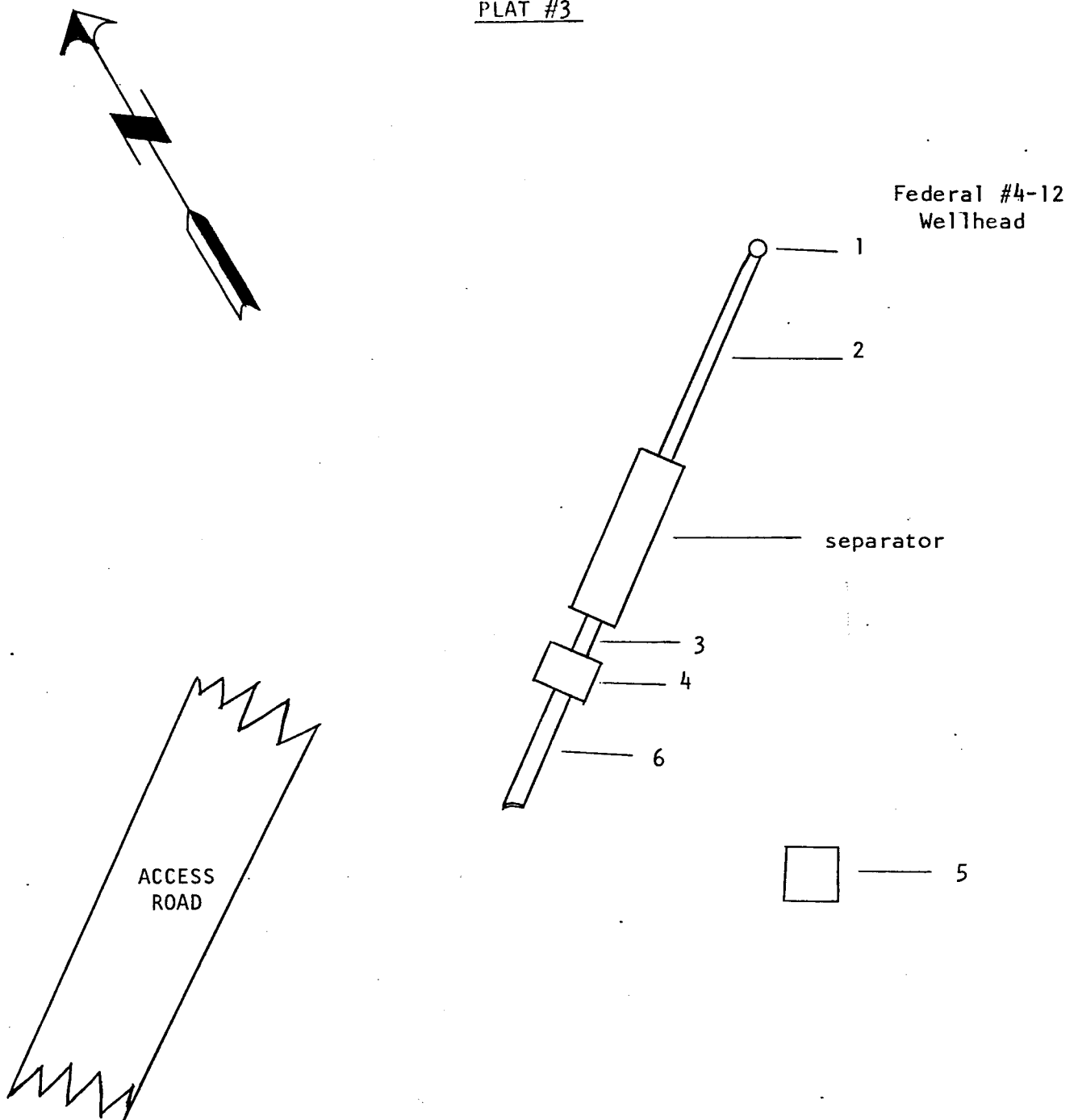
James G. Routson
James G. Routson
Petroleum Engineer



CARDINAL
DRILLING COMPANY
Rig #4
National T-32



PLAT #3

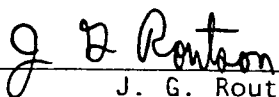


1. Wellhead will be 4-1/2" x 2-3/8" flange x screw with donut hanger full opening valve. All 2000# WP or greater to meet PO&GC specifications.
2. Line between wellhead and separator will be approx. 75 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approx. 5 feet deep.
3. Line between separator and meter will be 4" or 4.028 OD seamless, welded, coated, wrapped and buried and will be approx. 25 feet in length.
4. Meter run will be American 4" run, 500 psi static rating, 100" of water differential rating.
5. Pit, if necessary will be 10' x 10', enclosed by dikes and fenced.
6. Gathering system has not yet been designed.

WELL CONTROL PLAN

1. Surface Casing: 9-5/8" O.D. 36#/ft., Grade K-55, Short T&C, set at 120' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 9-5/8" x 10-3/4" top 1500 psig W.P. Larkin (or equivalent) casinghead with two 2" 1500 psi L.P. outlets.
3. Intermediate Casing: 7" O.D. 20#/ft., Grade K-55, Short T&C, set at 2020', cemented with pump and plug method using 150 sacks or more. At least 12 hours WOC time will be required before drilling the plug.
4. Blowout Preventor: A 10" 3000 psig W.P. Double gate hydraulic Shaffer BOP (or equivalent) with drill; pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P.
5. Auxiliary equipment: (a) Drill pipe floats will be allowed at contractor's discretion. (b) Visual monitoring of air returns will be maintained.
6. Anticipated bottom hole pressure is less than 1200 psi at 6400 or a gradient of 1875 psi/ft. or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

PALMER OIL & GAS COMPANY



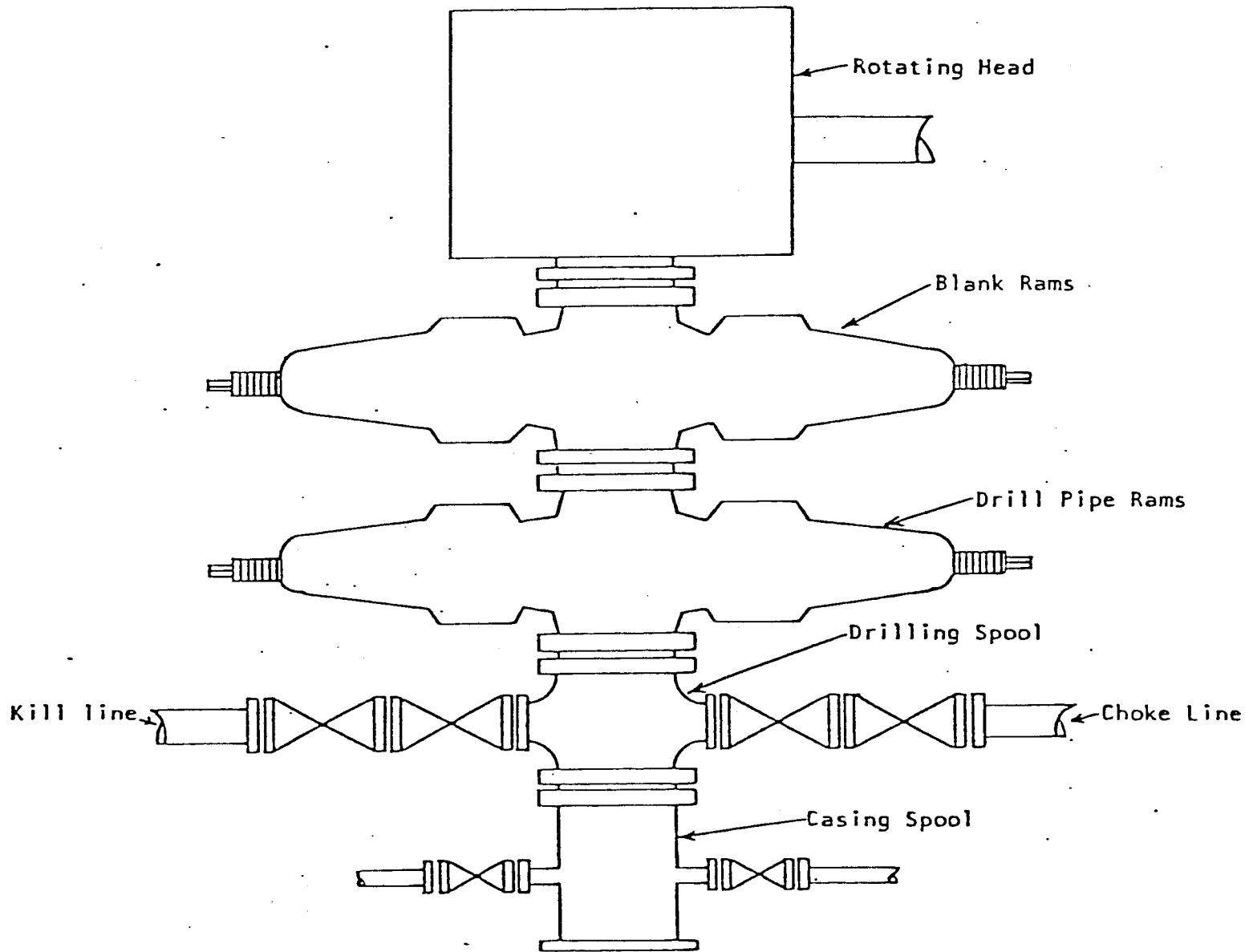
J. G. Routson

SCHEMATIC OF BOP STACK

AIR DRILLED WELLS
using

900 series well head equipment

Interval from 120' to TD



STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: June 4, 1979
Operator: Jenneco Oil Company
~~Patman Oil & Gas Co. - Energy Instruments, Inc.~~
Well No: Federal 4-12
Location: Sec. 4 T. 17S R. 24E County: Grand

File Prepared: ☐

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number: 43-019-30522

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M. G. Minder 6-12-79

Remarks:

Director: Feight

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 165-4 5/23/79

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In _____ Unit

Other:

☒ Letter Written/Approved



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

June 14, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

PALMER OIL AND GAS - ENERGY INCREMENTS
P O BOX 2564
BILLINGS MT 59103

Re: Well No. Federal 3-8, Sec. 3, T17S, R24E, Grand County, UT
FEDERAL 4-12, Sec. 4, T17S, R24E, Grand County, UT
Federal 29-15, Sec. 29, T16S, R24E, Grand County, UT

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 165-4 dated May 23, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to the above wells are as follows:

Federal 3-8 43-019-30521
Federal 4-12 43-019-30522
Federal 29-15 43-019-30519

Yours very truly,

DIVISION OF OIL, GAS, AND MINING

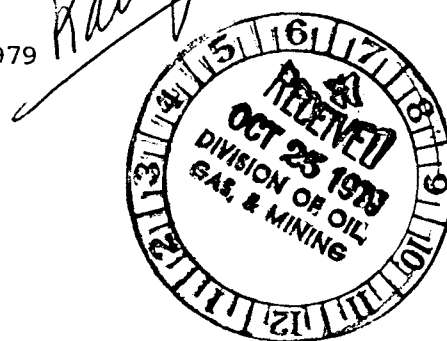

Cleon B. Feight, Director

cc: U. S. Geological Survey

Tenneco Oil
A Tenneco Company

Penthouse
720 South Colorado Blvd.
Denver, Colorado 80222
(303) 758-7130

October 23, 1979



Mr. Cleon B. Feight
Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84111

RE: Tenneco Well formerly operated
by Palmer Oil and Gas Company
Grand County, Utah

Gentlemen:

The following wells formerly operated by Palmer Oil and Gas Company will now be operated by Tenneco Oil Company. Please note that record title to several of these wells will be held by Energy Increments, Inc., and Pate Oil Company, however, Tenneco Oil Company will continue to operate the wells.

Grand County, Utah

Township 16 South, Range 24 East

Sec. 33: 33-14/ ~~Section 29: Federal 29-15~~

Sec. 35: 35-10/ Section 28: Federal 28-15

Township 16 South, Range 25 East

Section 13: Federal 13-9-SIGW

Section 17: Federal 17-9-SIGW

Section 14: Federal 14-2

Township 16 South, Range 26 East

Section 32: State 32-1-SIGW

State 32-11-SIGW

Section 33: Federal 33-13-SIGW

Section 16: State 16-4

Township 17 South, Range 24 East

-SIGW-Section 3: Federal 3-8/Section 5: Federal 5-13

SIGW-Federal 3-15/Section 14: Federal 14-4

Section 4: Federal 4-12

Township 17 South, Range 25 East

Section 6: Federal 6-7

Federal 6-14-SIGW

Section 7: Federal 7-4-SIGW

Section 29: Federal 29-1

Township 17 South, Range 26 East

Section 5: Federal 5-4-SIGW

Federal 5-9-SIGW

Section 8: Federal 8-5-SIGW

***SIGW=SHUT IN GAS WELL

REMAINING ARE DRILLING WELLS

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

February 25, 1980

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

CLEON B. FEIGHT
Director

Tenneco Oil Co.
720 South Colorado Blvd.
Denver, Colorado 80222

Re: Well No. Fed. 4-12
Sec. 4, T. 17S, R. 24E,
Grand County, Utah

Well No. Fed. 14-4
Sec. 14, T. 17S, R. 24E.
Grand County, Utah

See enclosed paper

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK TYPIST

Re: Well No. State 16-4
Sec. 16, T. 16S, R. 26E.
Grand County, Utah

Well No. Fed. 33-14
Sec. 33, T. 16S, R. 24E.
Grand County, Utah

Tenneco Oil
A Tenneco Company

Penthouse
720 South Colorado Blvd.
Denver, Colorado 80222
(303) 758-7130



March 3, 1980

RECEIVED
MAR 5 1980

Mr. Cleon B. Freight - Director
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

DIVISION OF
OIL, GAS & MINING

RE: Janice Tabish Letter 2-25-80
Federal 4-12 State 16-4
Federal 14-4 Federal 33-14
All in Grand County, Utah

Dear Mr. Freight:

We do plan to drill these wells in 1980, however, the Bureau of Land Management will not allow drilling of Federal Leases above 7,000 feet until sometime after April when road conditions improve. We must wait on their approval to start operations.

Drilling of the State 16-4 is being held up due to right-of-way problems across approximately 500 feet of Federal land. This should be approved within the next thirty days.

If you need additional information, please call this office.

Yours very truly,

TENNECO OIL COMPANY

A handwritten signature in dark ink, appearing to read "J.D. Traywick", written over a horizontal line.
J.D. Traywick
Administrative Supervisor

JDT/kae
cc: Well Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
well well

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

720 S. Colo. Blvd., Denver, Co 80222

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1780' FSL 1300' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Spudding/csg. report ☐

SUBSEQUENT REPORT OF:

☒

☐

☐

☐

☐

☐

☐

☐

5. LEASE

USA U-41371

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tenneco USA

9. WELL NO.

4-12

10. FIELD OR WILDCAT NAME

Und.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 4, T175, R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7058' gl.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8/27/80 - 9/17/80

Spudded well 8/26/80. Drilling 8 3/4" hole to 2392'. Ran 57 jts. (2377') of 7" 23# csg. Set @ 2392'. Cmt w/650 sx RFC-1 & 2% CACL2. Lost returns. Did not circ. WOC. Cmt thru 1" down annulus, 250 sx CL-B & 2% CACL2. Did not cir. cmt. Cmt top job w/150 sx. Circ. cmt to surface thru 1" tbg. Drill out shoe. Reduce hole to 6 1/4", TIH open-ended. Tag fill @ 6007'. Pull 5 stands. Set 100 sx cmt CL-B & 2% CACL2. TIH to base of surface csg. Tag TOC @ 5160'. Ran 6101' of 4 1/2" 10.5# csg. Set @ 6101. Cmt w/225 sx RF-C. Good circ. throughout. Set slips w/50,000# NDBOP. NU Tree & test to 300 PSI. Rig released 11:59 a.m., 9/17/80. TD @ 6160'. Singled in hole w/2 3/8" tbg. & 3 7/8" bit. Tagged PBD @ 6049'. DT csg to 3950 PSI. Rolled hole w/2% KCL wtr.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Carly Hatten

TITLE Asst. Div. Adm. Mgr

DATE October 1, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

☒ oil well ☐ gas well ☒ other

NAME OF OPERATOR

Tenneco Oil Company

ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1780' FSL 1300' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) ☐

SUBSEQUENT REPORT OF:

☐

☒

☒

☐

☐

☐

☐

☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9/25/80

Swabbed FI. down to 5300'. POOH w/2-3/8" tbg. & 3-7/8" bit. Perf'd Dakota w/2 JSPF; 5856-59', 5887-92', 5976-86'. TIH w/retrievematic pkr. on 2-3/8" tbg. Set pkr. @ 5790' KB. RU Dowell and broke down perfs from 5856-5986' w/500 gals. 7-1/2% MSR acid & 54 balls. AIR: 4 BPM, Max. Pres: 3600 PSI, Min. Pres: 2000 PSI, AIP: 2200 PSI. FINAL: 200 PSI, ISIP: 1000 PSI, 5 min. SIP:-0-PSI. TOH w/2-3/8" tbg. & pkr. Ran 178 jts. 2-3/8" tbg. w/1.81 F nipple 1 jt. off bottom. Landed tbg. @ 5605', 14 hr. SICP: 450 PSI, SITP: 200 PSI. RU Dowell & Nowsco, frac'd dn tbg. & csg. annulus w/59,000 gals. 75% quality foam & 65,000# 20/40 sand. Ran RA sand throughout job. Max. CP: 3900 PSI, Avg. CP: 3400 PSI, ISIP: 2900 PSI, Rate: 24 PBM, FTP: 28 PSI, FCP: 175 PSI. Q= 497 MCFD.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED William H. Hughto TITLE Asst Div Adm Mgr DATE 10/21/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

12

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. USA-U-41371	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Tenneco Oil Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, Colorado 80155				8. FARM OR LEASE NAME Tenneco USA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1780' FSL 1300' FWL NW SW At top prod. interval reported below At total depth				9. WELL NO. 4-12	
14. PERMIT NO. 43-019-30522				13. STATE Utah	
DATE ISSUED 6-12-79				12. COUNTY OR PARISH Grand	
15. DATE SPUDDED 8/26/80		16. DATE T.D. REACHED 9/17/80		10. FIELD AND POOL, OR WILDCAT Dakota Westwater	
17. DATE COMPL. (Ready to prod.) 10/7/80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7058' gr.		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4; T17S; R24E	
20. TOTAL DEPTH, MD & TVD 6160'		21. PLUG, BACK T.D., MD & TVD 6049'		19. ELEV. CASINGHEAD --	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		18. ELEV. CASINGHEAD --	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5856'-5986' Dakota				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN BH/CSL; SD/NPL; DI/SFL; CN/FD; ACB/GR				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
7"		23#		2377'	
4-1/2"		10.5#		6101'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		5605'		5790'	
31. PERFORATION RECORD (Interval, size and number)					
5856-59' 2 JSPF					
5887-92'					
5976-86'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5856-5986		500 gals 7-1/2% MSR acid			
5856-5986		59,000 gals 75% quality foam			
		65,000# 20/40 sand RA sand T-0			
33. PRODUCTION					
DATE FIRST PRODUCTION 10/7/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) shut-in
DATE OF TEST 10/7/80		HOURS TESTED 3 hrs.	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. Q = 840
FLOW. TUBING PRESS. 25 PSI		CASING PRESSURE 300 PSI	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF. WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					
35. LIST OF ATTACHMENTS Electric logs forwarded by Schlumberger and OWP					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED		TITLE		DATE	
[Signature]		Asst Div Adm Mgr		11/4/80	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Dakota	5854 5881 5922 5973	5865 5893 5962 5986	Sand	Mesa Verde Mancos Castlegate Frontier Dakota S.H. Dakota Morrison	Surf 1870 2174 5496 5736 5854 5992		

RECEIVED

NOV 13 1980

DIVISION OF
OIL, GAS & MINING

December 22, 1980

Tenneco Oil Company
P.O. Box 3249
Englewood, Colorado 80155

RE: Well No. Federal #4-12
Sec. 4, T. 17S, R. 24E.,
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office November 4, 1980, from above referred to well indicates the following electric logs were run: BH/CSL; SD/NPL; DI/SFL; CN/FD; ACB/GR. As of to-days date this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

BARBARA HILL
WELL RECORDS

/bjh

Enclosures: forms

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
93760016	FULLER USA #13-16	06	02	<u>3</u>	12/85	<u>0900</u>
93761014	FULLER USA #15-12	06	02	<u>3</u>	12/85	<u>1100</u>
92110010	FEDERAL #3-8 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0830</u>
92111016	FEDERAL #3-15 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0930</u>
92112012	FEDERAL #35-10 14S. 24E. 35	05	07	<u>7</u>	10/85	<u>1100</u>
92150011	FEDERAL #4-12 17S. 24E. 4	06	07	<u>8</u>	10/85	<u>0900</u>
92155013	WILSON USA #33-15 14S. 24E. 33 ✓	06	07	<u>8</u>	10/85	<u>1030</u>
92195014	BROWN USA #33-3 14S. 24E. 35	06	07	<u>8</u>	10/85	<u>1130</u>
92117014	FEDERAL #6-7 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0930</u>
92118010	FEDERAL #6-14 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0830</u>
92119017	FEDERAL #7-4 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>1030</u>
92158012	DIETLER STATE #2-14 17S. 24E. 2	06	07	<u>7</u>	11/85	<u>0830</u>
92160017	STATE #36-14 14S. 24E. 34	06	07	<u>7</u>	11/85	<u>0930</u>
92186016	EDWARDS USA #12-9 17S. 24E. 12	06	07	<u>4</u>	11/85	<u>0930</u>
92188019	CALVINCO USA #31-12 16S. 25E. 31	06	07	<u>5</u>	11/85	<u>0830</u>
92190013	REINAUER #1-14 17S. 24E. 1	06	07	<u>5</u>	11/85	<u>0930</u>
92199010	REINAUER #1-5 17S. 24E. 1	06	07	<u>7</u>	11/85	<u>1030</u>
92231011	WINTER CAMP #7-14 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>0830</u>

Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

RECEIVED

APR 27 1984



DIVISION OF OIL
GAS & MINING

Delivery Address:
6162 South Willow Drive
Englewood, Colorado

April 25, 1984

State of Utah
Department of Oil & Gas Conservation
4241 State Office Bldg.
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

Ursula C. Sulzbach
Ursula C. Sulzbach
Senior Revenue Analyst

UCS/wt
Attachment

TENNECO OIL COMPANY
Utah Wells Sold to Quinoco
Effective March 1, 1984

■ Sec 4 Federal 4-12
■ Sec. 14 Hogle USA 14-4
■ c 3 Federal 3-8
■ c 3 Federal 3-15
■ c 35 Federal 35-10
■ c 2 Dietler State 2-14
■ c 2 Dietler State 2-7
■ c 31 Calvinco USA 31-12
■ c 1 Reinauer 1-5
■ c 1 Reinauer 1-14
■ c 36 Tenneco State 36-14
■ c 36 Tenneco State 36-16
■ Sec 35 Brown USA 35-3
■ c 12 Edward 12-2
■ c 7 Winter Camp Unit 7-14
■ c 11 Hogle 11-12
■ c 6 Federal 6-7
■ c 7 Federal 7-4
■ c 17 Federal 17-9
■ c 14 Federal 14-2
■ c 16 State 16-4
■ c 13 Carlson USA 13-4
■ c 5 Federal 5-13
■ c 33 Wilson USA 33-15
■ c 6 Federal 6-14
■ c 13 Federal 13-9
■ c 33 Federal 33-13
■ c 5 Federal 5-4
■ c 32 State 32-1
■ c 32 State 32-11
■ c 12 Tenneco USA 12-9

RECEIVED

JAN 31 1986

DIVISION OF OIL
GAS & MINING

Bureau of Land Management
Branch of Fluid Minerals (U-922)
324 South State Street
Salt Lake City, Utah 84111-2303

January 29, 1986

Quinoco Petroleum, Inc.
P.O. Box 378111
Denver, Colorado 80213

TENNECO
175 24E 5-4

Re: Successor of Communitization
Agreement Operator CR-222
Grand County, Utah

Gentlemen:

On December 20, 1985, we received an indenture, whereby Tenneco Oil Company, resigned as Communitization Agreement Operator and Quinoco Petroleum, Inc. is accepted as Successor of Communitization Agreement Operator for CA CR-222, Grand County, Utah.

This indenture was executed by all parties. This instrument is hereby accepted effective as of January 29, 1986. Please advise all interested parties of the change in CA operator.

Sincerely,

(Orig. Sgd.) R. A. Henricks

R. A. Henricks
for Chief, Branch of Fluid Minerals

Enclosure

bcc: Division of Oil, Gas and Mining John Baya
District Manager - Moab (w/enclosure)
File - CA CR-222
Accounts - Denver
Agr. Sec. Chron

U-922:TAThompson:tt:01-29-86
0013, pg 3

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SECRET IS TRIPLED
Not to be used for
any other purpose

031716

PGW

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		2. LEASE DESIGNATION AND SERIAL NO. USA U-41371
3. NAME OF OPERATOR Omimex Petroleum, Inc.		4. IF INDIAN, ALLOTTEE OR TRIBE NAME
5. ADDRESS OF OPERATOR Stanford Place 1, Suite 1060 8055 E. Tufts Ave. Pkwy., Denver, CO 80237		7. UNIT AGREEMENT NAME
6. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1780' FSL, 1300' FWL		8. FARM OR LEASE NAME Federal
10. PERMIT NO. 43-019-30500		9. WELL NO. 4-12
11. ELEVATIONS (Show whether SP, ST, OR etc.) 7058' GL, 7069' KB		10. FIELD AND POOL, OR WILDCAT Westwater
12. COUNTY OR PARISH Grand		11. SEC., T., R., M., OR S.E. AND SUBST OR AREA 4-17S-24E
13. STATE Utah		

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Change of Operator <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from Quinoco Petroleum, Inc., P.O. Box 378111, Denver, CO 80237 to Omimex Petroleum, Inc. effective as of March 1, 1987.

RECEIVED
MAR 12 1987

DIVISION OF
OIL, GAS, AND MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Mary Earle

TITLE

Production Analyst

DATE

3-1-87

(This space for Federal or State office use)

APPROVED BY

CORRELATION OF APPROVAL, IF ANY:

TITLE

DATE

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:
OMIMEX PETROLEUM, INC.

3. Address and Telephone Number: 8055 E. Tufts Avenue Parkway, #1060
Denver, CO 80237 (303) 771-1661

4. Location of Well
Footages: 1780' FSL, 1300' FWL
QQ, Sec., T., R., M.: NWSE Sec. 4-17S-24E

5. Lease Designation and Serial Number:
U-41371

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
CR222

8. Well Name and Number:
Federal 4-12

9. API Well Number:
43-0193052200

10. Field and Pool, or Wildcat:
Westwater

County: Grand
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> | |

Date of work completion Shut in prior to 1990

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Omimex has no future plans for this well.

RECEIVED

MAR 15 1993

DIVISION OF
OIL GAS & MINING

13.

Name & Signature: B. J. Whitney *B. J. Whitney* Title: Production Analyst Date: 3/10/93

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

NOV 15 1993

DIVISION OF
OIL, GAS & MINING

1. Type of Well: OIL ☐ GAS ☐ OTHER: temporarily abandoned

2. Name of Operator:
Omimex Petroleum, Inc.

3. Address and Telephone Number:
8055 E. Tufts Ave. Pkway., #1060 - Denver, CO 80237 (303)771-1661

4. Location of Well

Footages:

QQ, Sec., T., R., M.: NWSE 4-17S-24E

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

CR222

8. Well Name and Number:

Federal #4-12

9. API Well Number:

43-01930522

10. Field and Pool, or Wildcat:

Westwater Field

County: Grand

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective November 1, 1993 operatorship transferred to:

North Star Resources, Inc.
15000 NW Freeway
Houston, TX 77040

(corporate office)

2210 Highway 6N50
Grand Junction, CO 81505
(303) 245-5902

(operations office)

13.

Name & Signature:

B. J. Whitney
B. J. Whitney

Title: Production Analyst

Date: 11/11/93

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(PAGE 2)

Routing:

1-REC	7-REC
2-DTS	
3-VLC	
4-RJF	
5-PL	
6-SJ	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)
☐ Designation of Operator

☐ Designation of Agent
☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-93)

TO (new operator) NORTHSTAR GAS COMPANY INC.
(address) 15000 NW FWY STE 203
HOUSTON, TX 77040
PAUL BERNARD
phone (713) 937-4314
account no. N 6680

FROM (former operator) OMIMEX PETROLEUM INC.
(address) 8055 E TUFTS AVE STE 1060
DENVER, CO 80237
phone (303) 771-1661
account no. N 0735

Well(s) (attach additional page if needed): *CR-222,**MO49P-84701C

Name: <u>FEDERAL 4-12/DKTA</u>	API: <u>43-019-30522</u>	Entity: <u>6550</u>	Sec <u>4</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type <u>141371</u>
Name: <u>FEDERAL 35-10/DKTA</u>	API: <u>43-019-30538</u>	Entity: <u>6555</u>	Sec <u>35</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type <u>110152</u>
Name: <u>STATE 36-16/DKTA</u>	API: <u>43-019-30606</u>	Entity: <u>6527</u>	Sec <u>36</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type <u>ML33908</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 11-15-93)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 11-19-93) (Rec'd 5-31-94)
- NA 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (5-31-94)
- Sup 6. Cardex file has been updated for each well listed above. 6-1-94
- Sup 7. Well file labels have been updated for each well listed above. 6-1-94
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (5-31-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- JP* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- JP* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DCS* 2. Copies of documents have been sent to State Lands for changes involving State leases.
6/3/94 to Ed Panner

FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: June 8 1994.

FILING

- ✓* 1. Copies of all attachments to this form have been filed in each well file.
- ✓* 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940531 bhm/s.f. CR-222 Apprv. eff. 5-20-94.

CA mo49P-84701C Apprv. eff. 5-20-94.

Bureau of Land Management
Branch of Fluid Minerals
P.O. Box 45155
Salt Lake City, Utah 84145-0155

May 20, 1994

Northstar Gas Company, Inc.
820 Gessner, Suite 1630
Houston, Texas 77024

Re: Successor of Operator
Communitization Agreement (CA)
CR-222
Grand County, Utah

Gentlemen:

On May 19, 1994, we received an indenture dated May 4, 1994, whereby Omimex Petroleum, Inc. resigned as Operator and Northstar Gas Company, Inc. was designated as Operator for CA CR-222, Grand County, Utah.

This instrument is hereby approved effective as of May 20, 1994. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA CR-222.

Your statewide (Utah) oil and gas bond No. 0845 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
Division Oil, Gas, & Mining
File - CR-222 (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:05-20-94

Page No. 1
05/20/94

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM CR222 CR222	430193052200S1	4-12	NWSW	4	17S	24E	GSI	UTU41371	OMIMEX PETROLEUM INCORPOR

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator: NORTHSTAR GAS COMPANY, INC.

3. Address and Telephone Number:
820 GESSNER, SUITE 1630, HOUSTON, TX 77024 713-935-9542

4. Location of Well

Footages:

OO, Sec., T., R., M.: NWSW 4-17S-24E

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

CR222

8. Well Name and Number:

FEDERAL #4-12

9. API Well Number:

43-01930522

10. Field and Pool, or Wildcat:

BRYSON CANYON

County: GRAND

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

EFFECTIVE NOVEMBER 1, 1993 OPERATORSHIP TRANSFERRED FROM:
OMIMEX PETROLEUM, INC.
8055 E. TUFTS AVE. PKWAY. #1060
DENVER CO 80237 (303) 771-1661

TO:
NORTHSTAR GAS COMPANY, INC.
820 GESSNER, SUITE 1630
HOUSTON, TX 77024 (713) 935-9542

13.

Name & Signature: *Harry F. Dean*

Title: President

Date: 5/24/94

(This space for State use only)